



# MONTHLY NOTICES

OF THE

## ROYAL ASTRONOMICAL SOCIETY.

VOL. LXIX.

NOVEMBER 13, 1908.

No. 1.

H. F. NEWALL, Esq., M.A., F.R.S., PRESIDENT, in the Chair.

Warin Foster Bushell, The Hermitage, Harrow ;

Charles P. Butler, A.R.C.Sc., F.R.P.S., Solar Physics Observatory, South Kensington, S.W. ;

William Doberck, Ph.D., M.R.I.A., Kowloon, Elgin Road, Sutton, Surrey ;

James Nangle, Technical College, Sydney, New South Wales, Australia, and Private Observatory, Tupper Street, Stanmore, near Sydney ;

Charles W. Raffety, Wynnstay, Woodcote Valley Road, Purley, Surrey ;

Rev. T. J. Williams-Fisher, M.A., Rector of Norton, Atherstone,

were balloted for and duly elected Fellows of the Society.

The following candidates were proposed for election as Fellows of the Society, the names of the proposers from personal knowledge being appended :—

Samuel Butler, The Cedars, Compton, Wolverhampton (proposed by E. B. Knobel) ;

Charles Everitt, 67 Boston Avenue, Southend-on-Sea (proposed by Sir D. Gill) ;

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- J. William Gifford, Oaklands, Chard, Somerset (proposed by Sir D. Gill);  
 James Thomas Jackson, M.A., Assoc. M.Inst.C.E., Engineering School, Trinity College, Dublin (proposed by E. T. Whitaker);  
 Dr. Arthur Scott King, Superintendent of the Physical Laboratory, Mount Wilson Observatory, California, U.S.A. (proposed by George E. Hale);  
 Robert Owen, Merchant, 25 Mostyn Street, Llandudno, North Wales (proposed by Rev. J. Cairns Mitchell); and  
 Dr. Charles Edward St. John, Mount Wilson Observatory, California, U.S.A. (proposed by George E. Hale).

One hundred and sixty-three presents were announced as having been received since the last meeting, including, amongst others:—

E. W. Brown, Inequalities in the motion of the Moon due to the direct action of the planets (Adams Prize Essay), presented by the author; J. J. Thomson, Treatise on the motion of Vortex Rings (Adams Prize Essay), presented by Prof. Turner; Reports of the Geodetic Survey of the Transvaal and Orange River Colony, presented by the Transvaal and Orange River Governments; Catalog der Astronomischen Gesellschaft, Washington zone,  $-14^{\circ}$  to  $-18^{\circ}$ , presented by the Astronomische Gesellschaft; Helsingfors, Catalogue Photographique, coordonnées rectilignes, tome 3, presented by the Helsingfors Observatory.

Astrographic Chart: 60 charts, presented by the French Minister of Public Instruction; 26 charts, presented by the Tacubaya Observatory; 84 charts, presented by the Royal Observatory, Greenwich.

Photographs of Comet *c* 1908:—series of 127 transparencies, presented by the Astronomer Royal; 14 lantern slides, presented by Prof. Barnard; 19 transparencies, presented by Mr. Percy Morris; 4 prints, presented by Mr. R. C. Johnson.